

FIG. 1 PRIOR ART

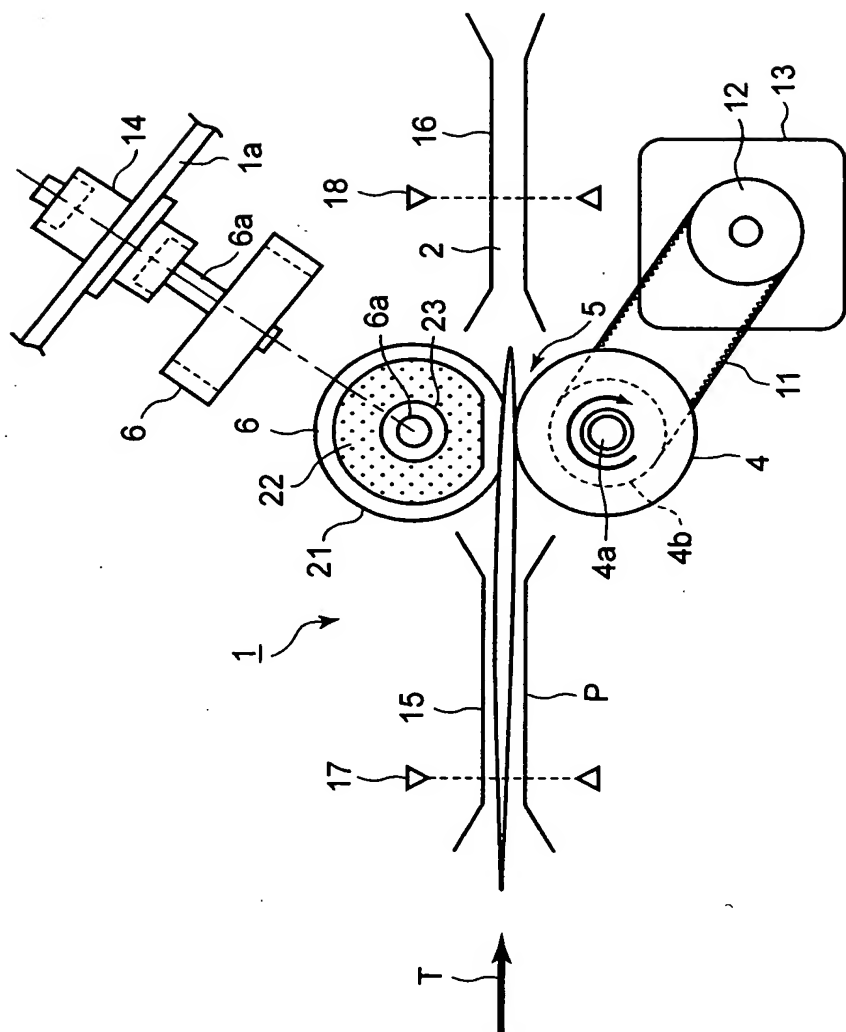


FIG. 2

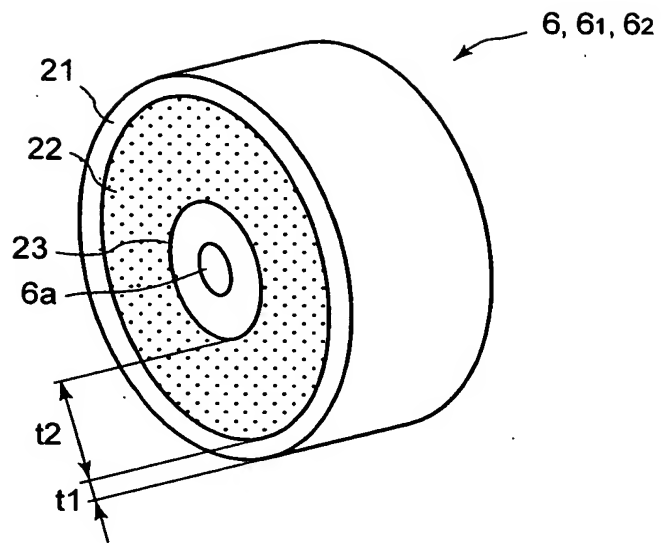


FIG. 3

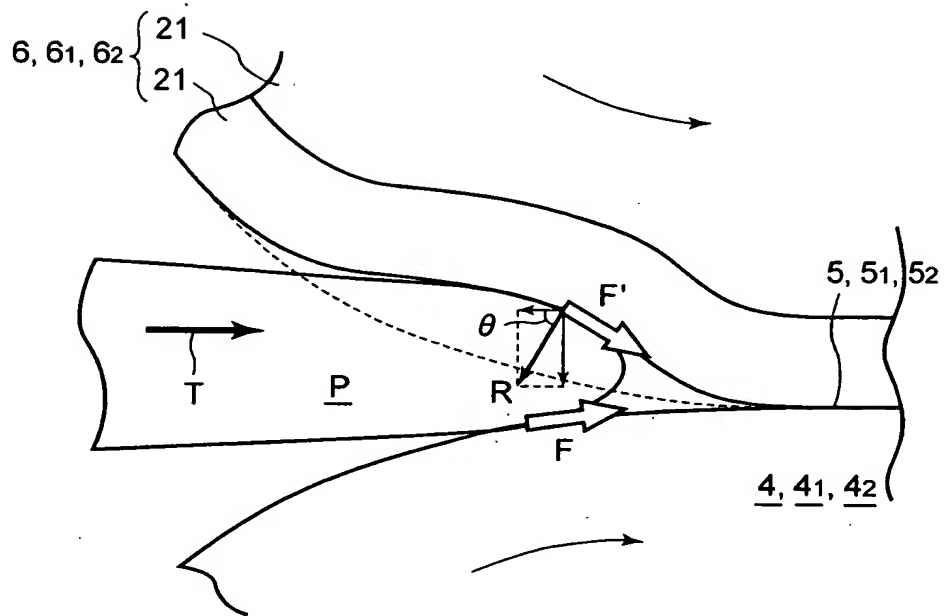


FIG. 4

Driven roller	S11	S12	S13	S14	S15	S16	S17	S18	S19	P1	P2	P3
Coefficient of dynamic friction	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Rubber thickness (mm)	2	4	6	2	4	6	2	4	6	4	4	4
Sponge hardness (Asker C)	30	30	30	40	40	40	50	50	50	-	-	-
Thrusting force (N)	-	-	-	-	-	-	-	-	-	5	20	50
Driven roller	S21	S22	S23	S24	S25	S26	S27	S28	S29	-	-	-
Coefficient of dynamic friction	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-	-	-
Rubber thickness (mm)	2	4	6	2	4	6	2	4	6	-	-	-
Sponge hardness (Asker C)	30	30	30	40	40	40	50	50	50	-	-	-
Thrusting force (N)	-	-	-	-	-	-	-	-	-	-	-	-

FIG. 5

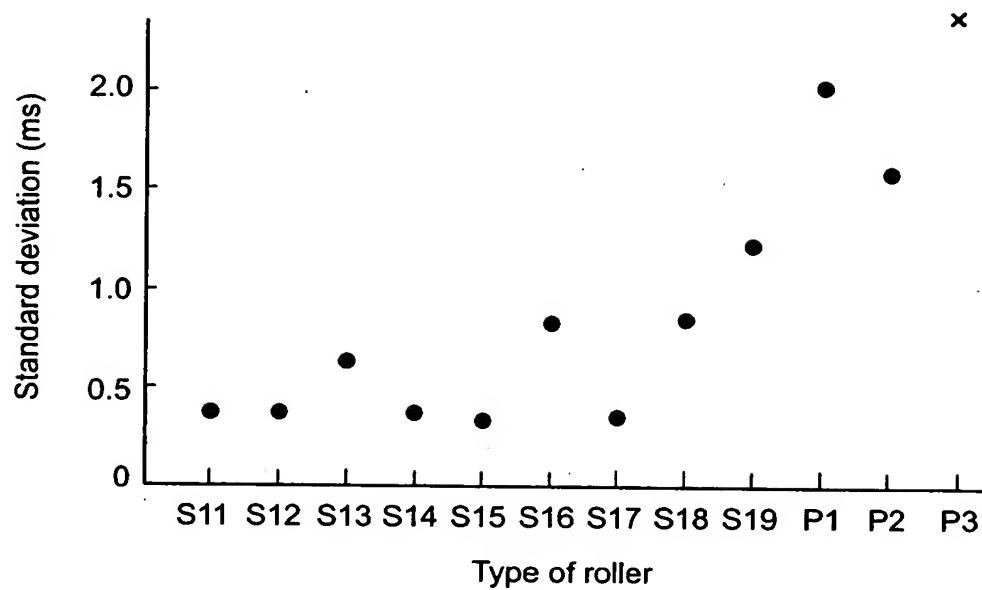


FIG. 6

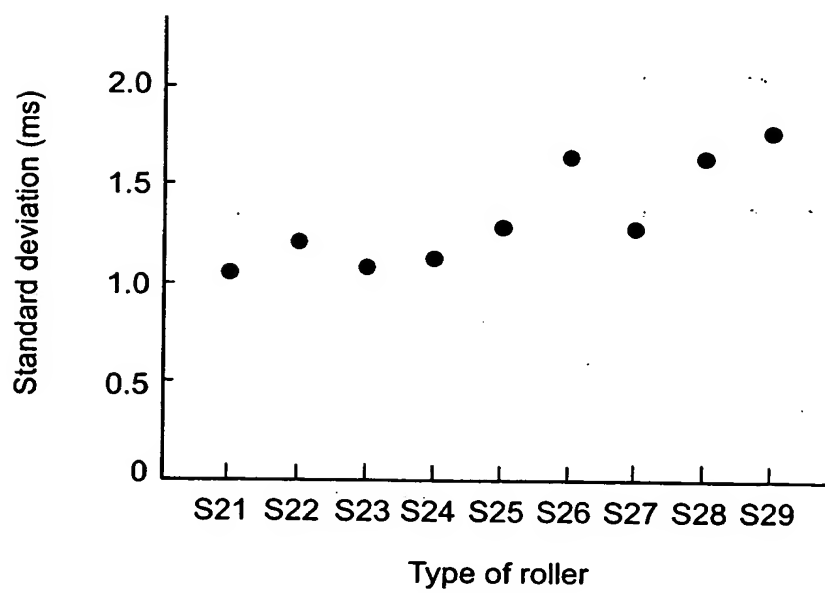
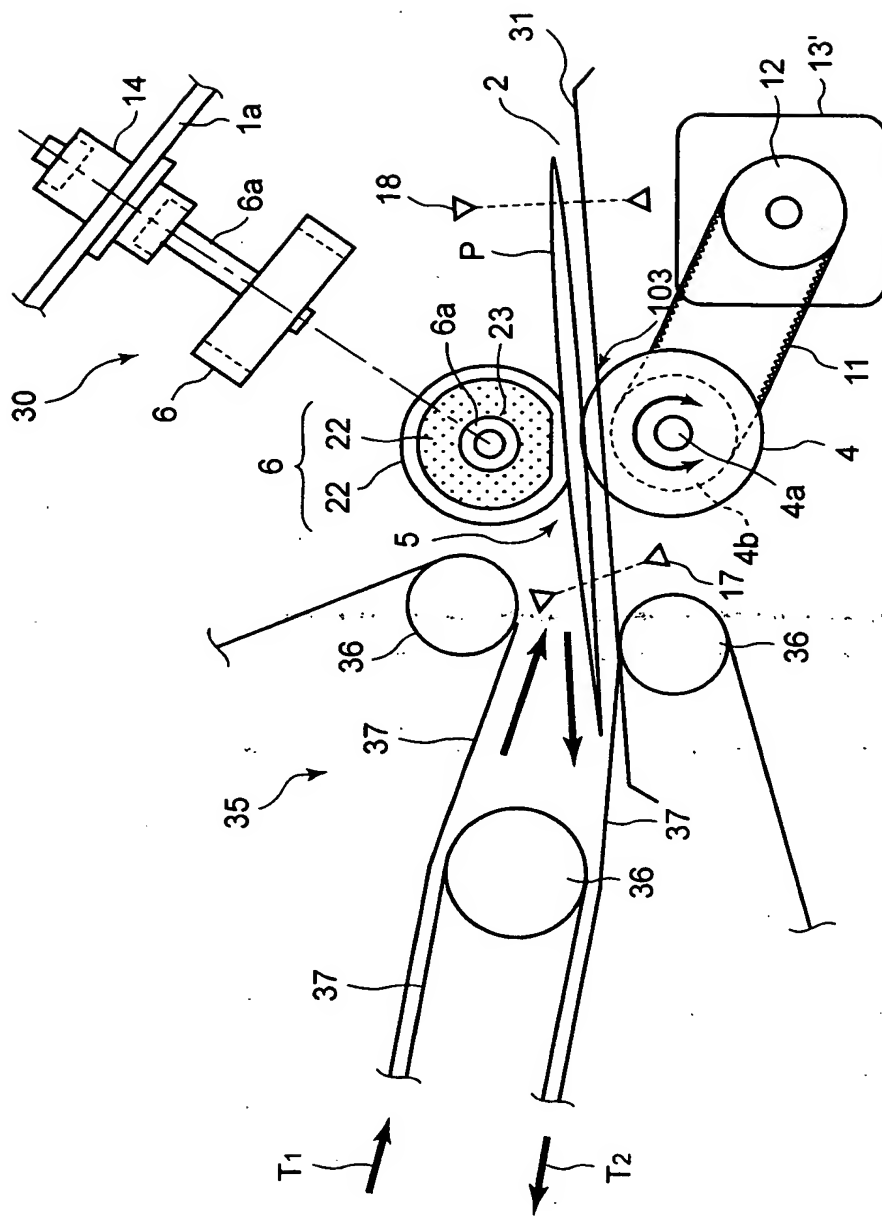


FIG. 7



8
G
F

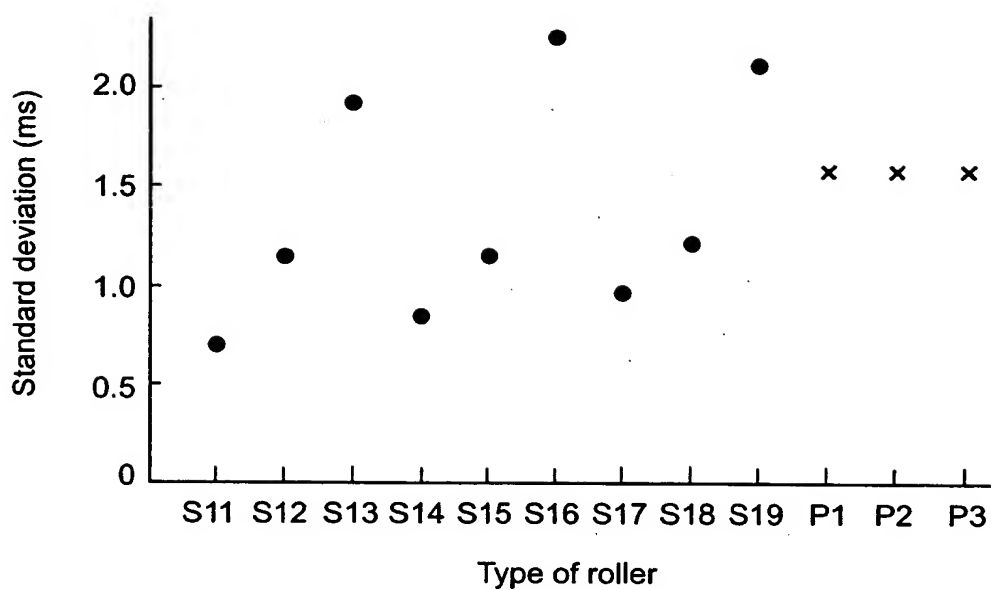


FIG. 9

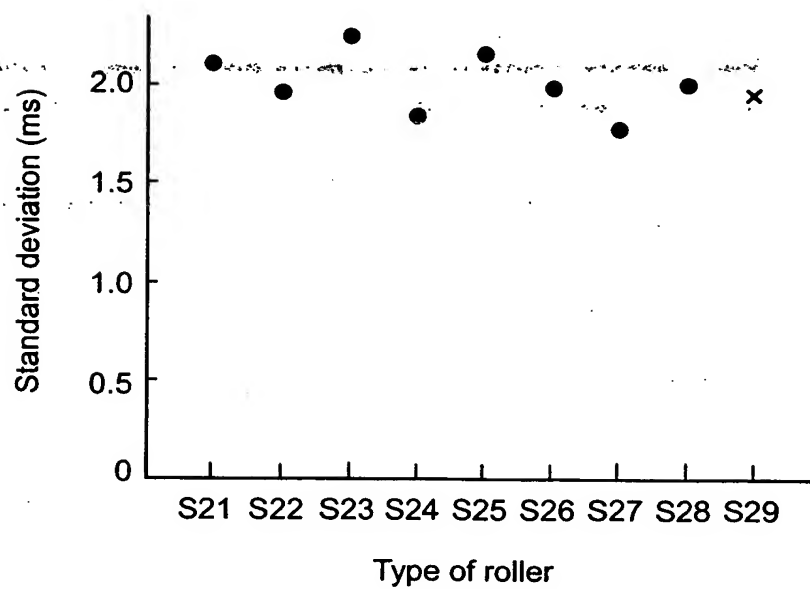


FIG.10

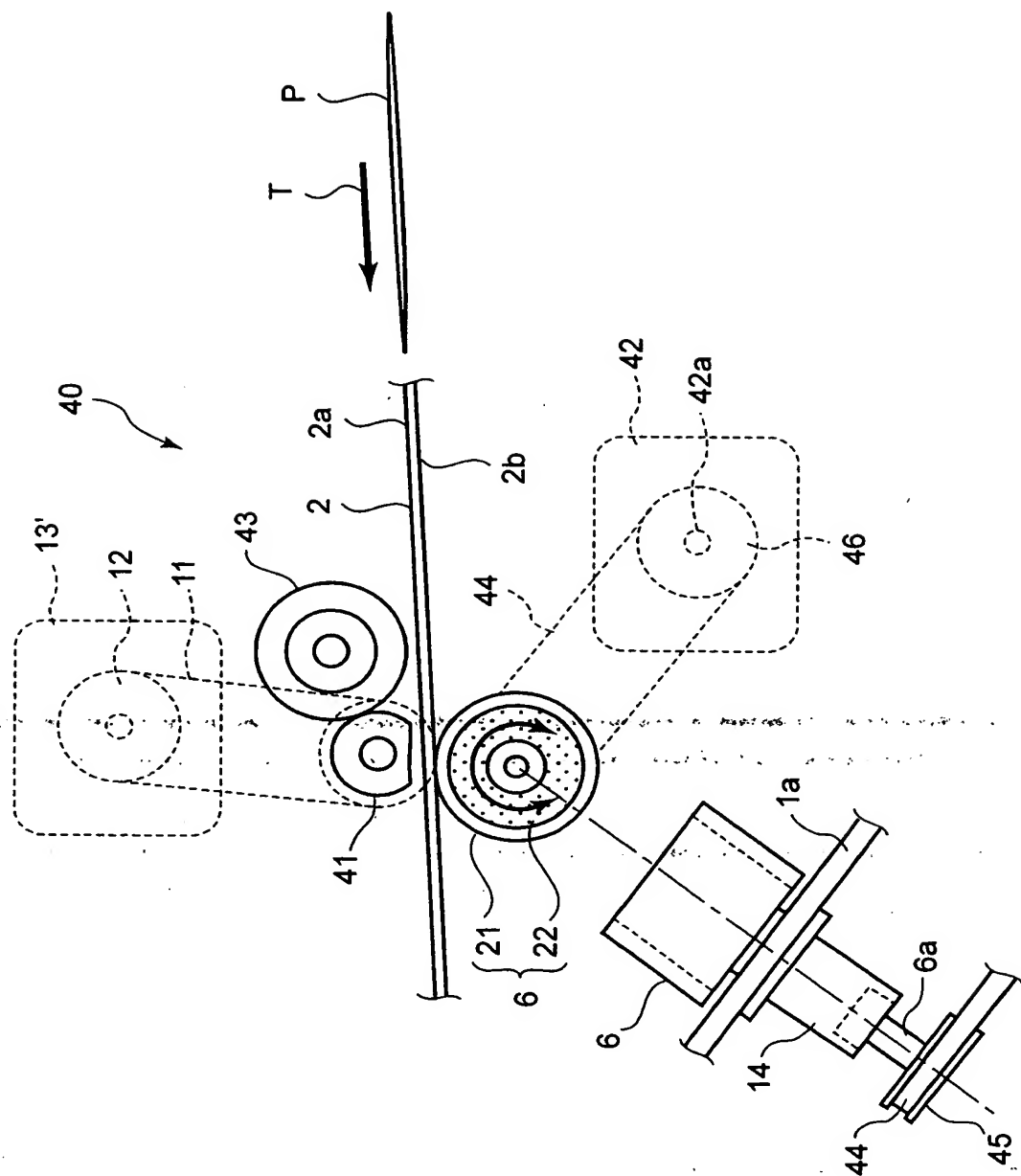


FIG. 11

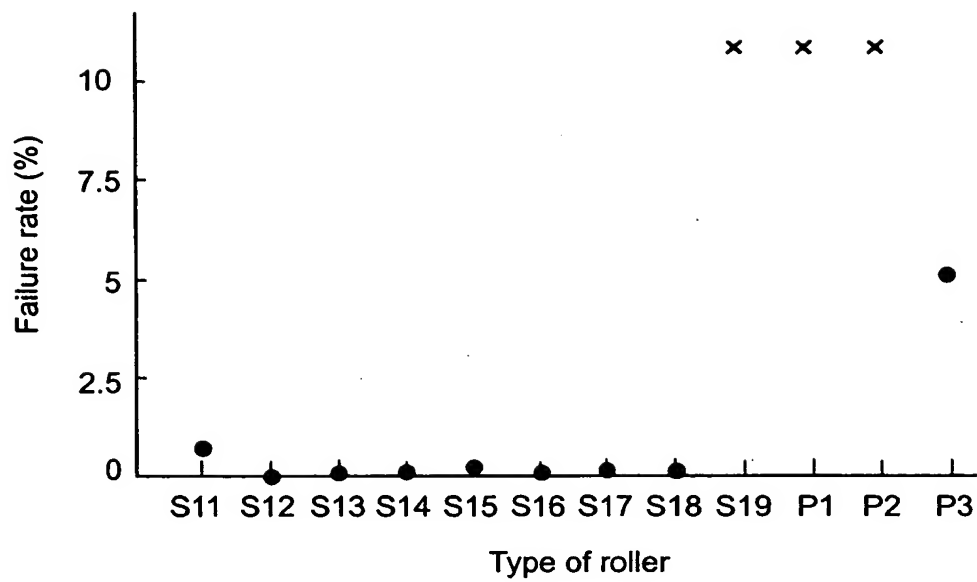


FIG. 12

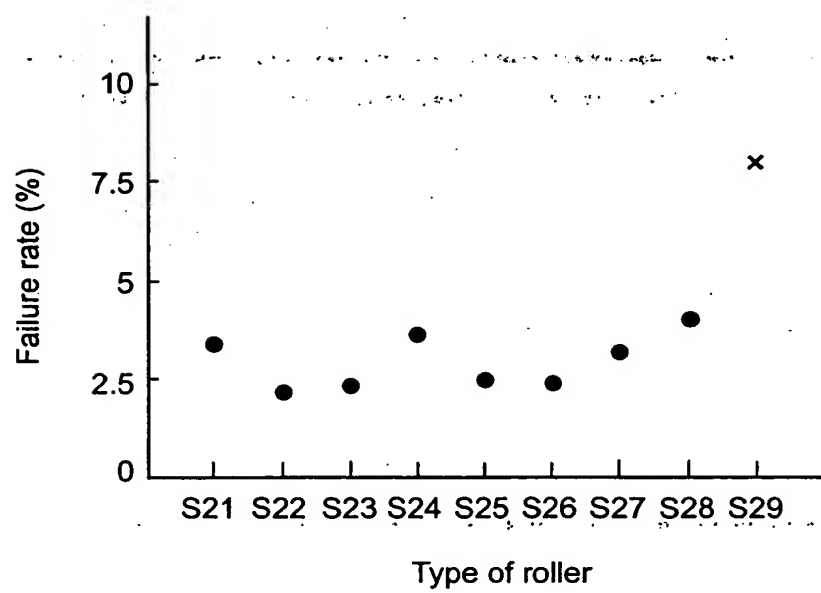


FIG.13

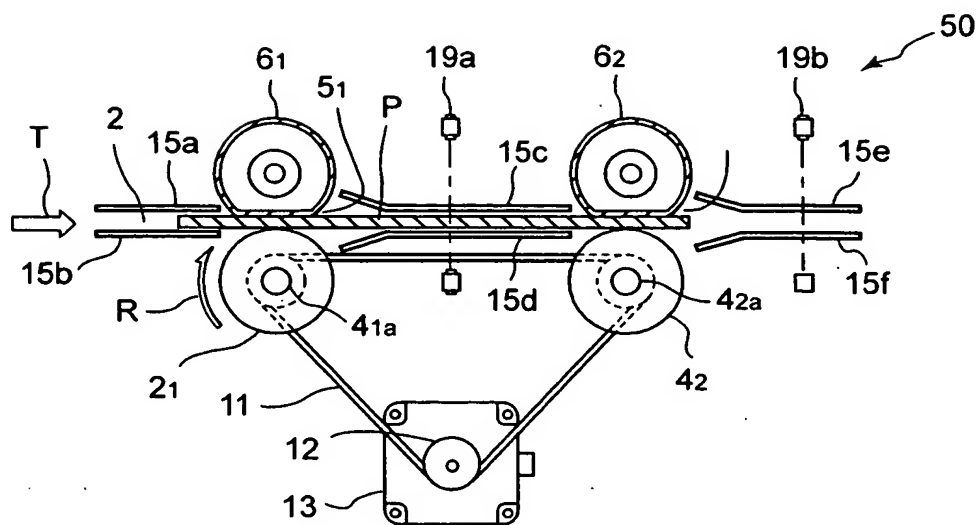


FIG. 14

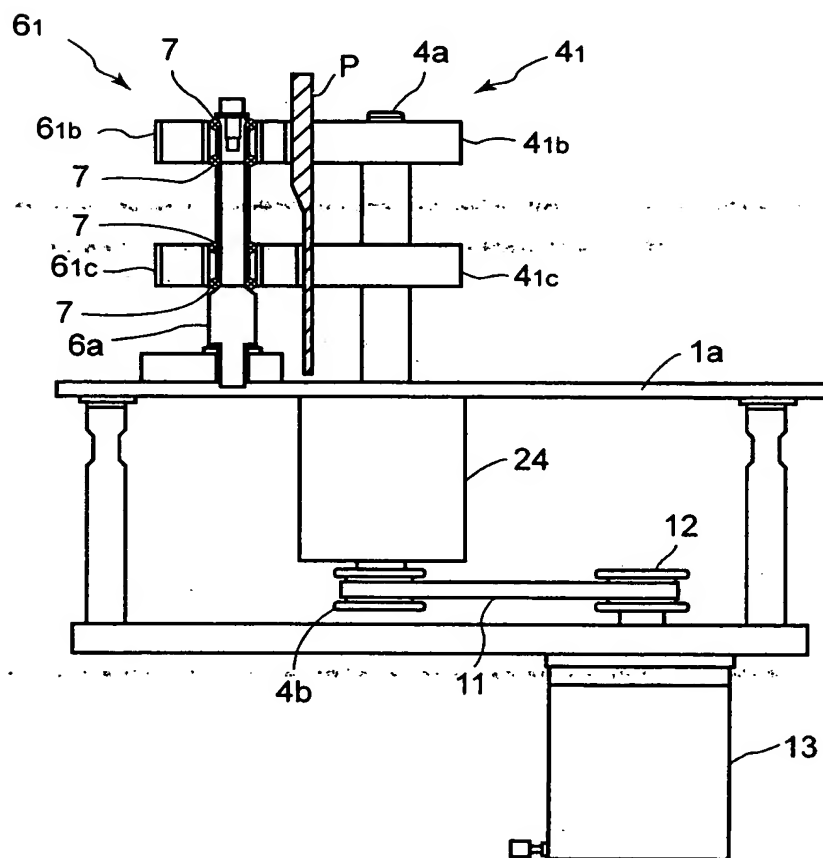


FIG. 15

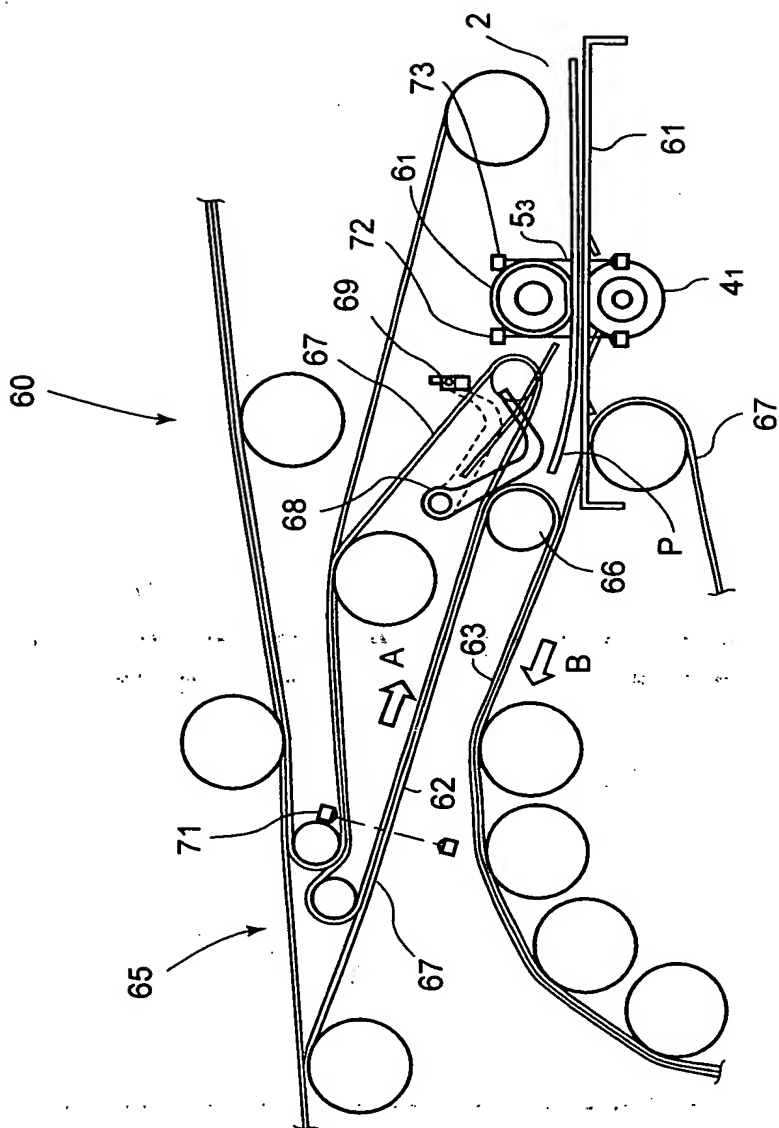


FIG. 16

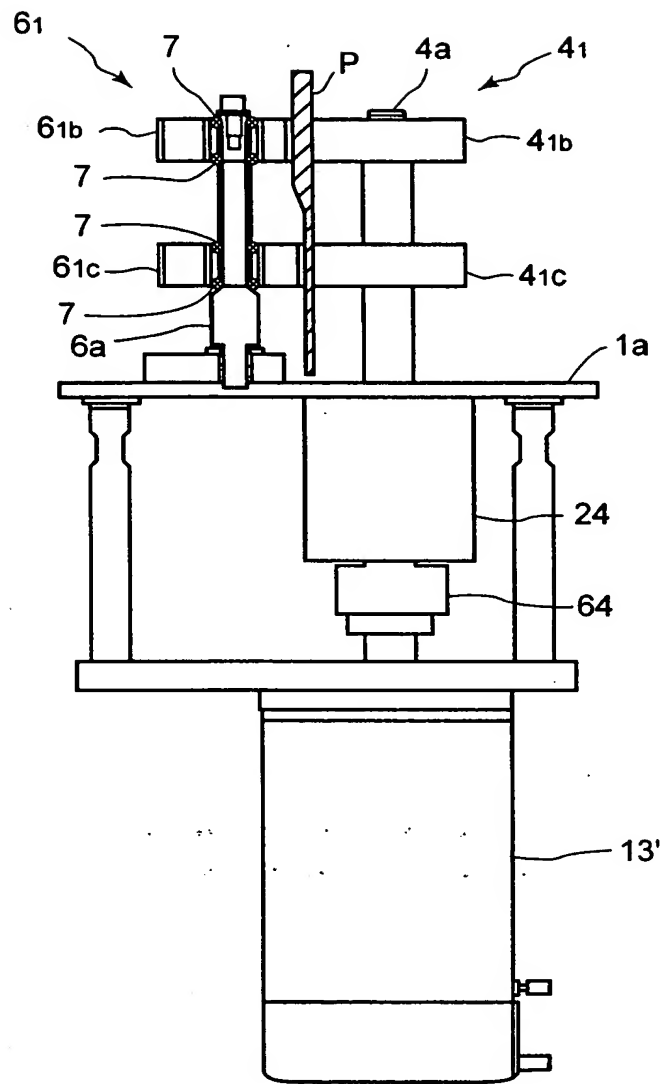


FIG. 17